



Reliable

Redundant measurement ensures a high degree of safety

Cost effective

Self-monitoring reduces maintenance costs

User friendly

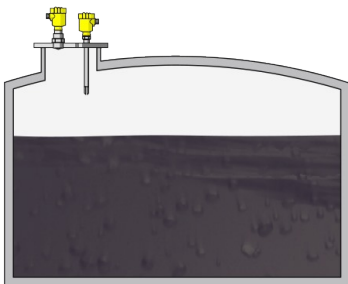
Easy installation and setup

Finished product tanks

Level measurement and point level detection of finished product tanks

Reliable level measurement of crude and bulk liquids storage tanks in a refinery is necessary for inventory management and overspill protection. Multiple measurement devices can fit into a single process fitting.

[More details](#)



VEGASWING 63

Vibrating level switch for overflow protection in finished product tanks

- High level switch provides redundancy
- Maximum flexibility through switching point adaptable to the application
- By simply pushing a button, you can meet the requirements of WHG and SIL of the periodic test
- Unaffected by media properties ensures reliable measurement

[Show Product](#)



VEGAPULS 6X

Level measurement with radar in finished product tanks

- Simple retrofit capability utilizes existing process fittings
- Exact measuring results independent of temperature, gas or steam
- Use of optional PLV (Positive Level Verification) system fulfils API 2350 requirements

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PRO

VEGASWING 63[Show Product](#)**Process temperature**

-50 ... 250 °C

Process pressure

-1 ... 64 bar

Version

Standard
 Hygienic applications
 with gas-tight leadthrough
 with tube extension
 with temperature adapter

Materials, wetted parts

PFA
 316L
 Alloy C22 (2.4602)
 Alloy 400 (2.4360)
 ECTFE
 Enamel

Threaded connection≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT**Flange connection**

≥ DN25, ≥ 1"

Hygienic fittings

Clamp ≥ 1" - DIN32676, ISO2852
 Slotted nut ≥ 1 $\frac{1}{2}$ ", ≥ DN40 - DIN 11851
 Varivent ≥ DN25
 hygienic fitting F40 with compression nut
 SMS 1145 DN51
 SMS DN38
 Hygienic fittings ≥ DN25 - DIN11864-1-A
 Hygienic flange connection DIN11864-2-A;
 DN60(ISO)ø60,3
 SMS socket piece DN38 PN6

Seal material

no media contact

Housing material

Plastic
 Aluminium
 Stainless steel (precision casting)
 Stainless steel (electropolished)

Protection rating

IP66/IP67
 IP66/IP68 (1 bar)
 IP65

PRO

VEGAPULS 6X[Show Product](#)**Measuring range - Distance**

120 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 1 mm

Frequency

6 GHz
 26 GHz
 80 GHz

Beam angle

≥ 3°

Materials, wetted parts

PTFE
 PVDF
 316L
 PP
 PEEK

Threaded connection≥ G $\frac{3}{4}$, ≥ $\frac{3}{4}$ NPT**Flange connection**≥ DN20, ≥ $\frac{3}{4}$ "**Hygienic fittings**

Clamp ≥ 1 $\frac{1}{2}$ " - DIN32676, ISO2852
 Slotted nut ≥ 2", DN50 - DIN 11851
 Varivent ≥ DN25
 hygienic fitting with tension flange DN32
 hygienic fitting F40 with compression nut
 Hygienic screw connections ≥ DN50 tube ø53 -
 DIN11864-1-A
 Hygienic flange connection ≥ DN50 DIN11864-2
 Hygienic clamp connection ≥ DN50 pipe Ø53 - DIN11864-
 3-A
 DRD connection ø 65 mm
 SMS 1145 DN51